

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Previously presented) A vaccine for prophylactic treatment against feline infectious peritonitis virus (FIPV) infection, wherein said vaccine comprises a polypeptide selected from the group consisting of:
  - a) a polypeptide comprising the amino acid sequence of SEQ ID NO:2;
  - b) a polypeptide comprising the amino acid sequence of SEQ ID NO: 2, in which one to 25 amino acids are substituted, deleted, added, and/ or inserted;
  - c) a polypeptide comprising the amino acid sequence with 93% or more homology to the amino acid sequence of SEQ ID NO: 2; and
  - d) a polypeptide comprising 45 or more continuous amino acid residues of the amino acid sequence of SEQ ID NO:2.
  
2. (Currently amended) A vaccine for prophylactic treatment against feline infectious peritonitis virus (FIPV) infection, wherein said vaccine comprises a polynucleotide selected from the group consisting of:
  - a) a polynucleotide comprising the nucleotide sequence of SEQ ID NO: 1;
  - b) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO: 2;
  - c) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2, in which one to 25 amino acids are substituted, deleted, added, and/ or inserted;
  - d) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence with 93% or more homology to the amino acid sequence of SEQ ID NO: 2; and

- e) a polynucleotide encoding a polypeptide comprising 45 or more continuous amino acid residues of the amino acid sequence of SEQ ID NO:2.
3. (Previously presented) The vaccine of claim 1, wherein the vaccine comprises a polypeptide comprising the amino acid sequence of SEQ ID NO:2.
4. (Canceled).
5. (Previously presented) A method for conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises administering the vaccine of claim 1 to a cat at least once.
- 6-8. (Canceled).
9. (Previously presented) The vaccine of claim 2, wherein the vaccine comprises a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.
10. (Previously presented) A method for conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises administering the vaccine of claim 2 to a cat at least once.
11. (Previously presented) A method for conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises administering the vaccine of claim 3 to a cat at least once.
12. (Previously presented) A method for conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises administering the vaccine of claim 9 to a cat at least once.